查询MT1608-050Y供应商

BOURNS®

Features

- High resistance to heat and humidity
- Resistance to mechanical shock and pressure
- Accurate dimensions for automatic surface mounting
- Wide impedance range

Applications

- Power supply lines
- IC power lines
- Signal lines

MT Series Low Impedance Chip Ferrite Beads

Electrical Specifications

Model Number	Impedance (Ω) at 100 MHz	RDC (Ω) Max.	IDC (mA) Max.
MT4532-250Y	25 ±25 %	0.4	300
MT4532-700Y	70 ±25 %	0.3	300
MT4532-121Y	120 ±25 %	0.3	300
MT4532-131Y	125 ±25 %	0.3	300
MT4516-800Y	80 ±25 %	0.3	300
MT4516-101Y	100 ±25 %	0.1	500
MT4516-151Y	150 ±25 %	0.3	300
MT3225-310Y	31 ±25 %	0.3	400
MT3225-520Y	52 ±25 %	0.3	400
MT3225-600Y	60 ±25 %	0.3	400
MT3266-600Y	60 ±25 %	0.3	400
MT3261-190Y	19 ±25 %	0.2	500
MT3261-260Y	26 ±25 %	0.2	500
MT3261-310Y	31 ±25 %	0.2	500
MT3261-420Y	42 ±25 %	0.2	500
MT3261-500Y	50 ±25 %	0.2	500
MT3261-700Y	70 ±25 %	0.2	500
MT3261-900Y	90 ±25 %	0.2	500
MT2029-070Y	7 ±25 %	0.2	600
MT2029-100Y	10 ±25 %	0.2	600
MT2029-110Y	11 ±25 %	0.2	600
MT2029-170Y	17 ±25 %	0.1	600
MT2029-260Y	26 ±25 %	0.1	600
MT2029-300Y	30 ±25 %	0.1	600
MT2029-400Y	40 ±25 %	0.1	600
MT1608-050Y	5 ±25 %	0.2	600
MT1608-090Y	9 ±25 %	0.2	500
MT1608-300Y	30 ±25 %	0.3	400

General Specifications

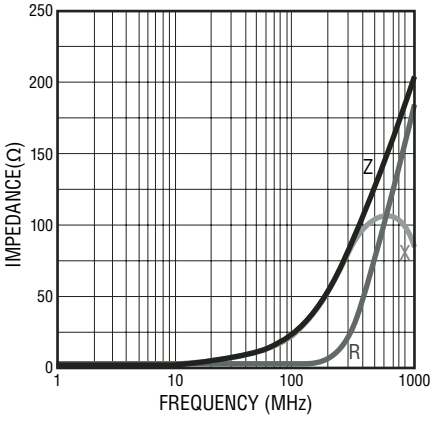
Operating Temperature .....-55 °C to +125 °C
Storage Temperature ..-55 °C to +125 °C
Storage Condition .....+40 °C max. at 70 % RH
Reflow Soldering .....230 °C, 50 seconds max.
Resistance to Soldering Heat .....260 °C, 5 seconds
Rated Current .....Based on max. temperature rise of +40 °C
Terminal Strength
(Force "F" applied for 30 seconds)
4532 Series .....1.5 F (Kg)
4516 Series .....1.0 F (Kg)
3225 Series .....1.0 F (Kg)
3266 Series .....1.0 F (Kg)
3261 Series .....1.0 F (Kg)
2029 Series .....0.6 F (Kg)
1608 Series .....0.5 F (Kg)

Materials

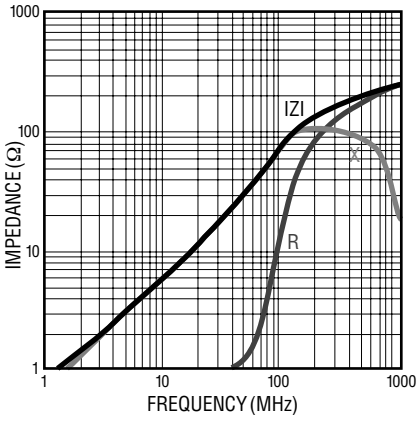
Core Material .....Ferrite
Internal Conductor .....Ag or Ag/Pd
Terminal .....Ag/Ni/Sn

Electrical Specifications (continued)

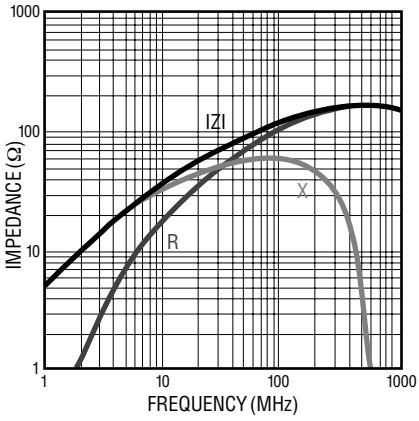
MT 4532- 250Y



MT 4532- 700Y



MT 4532- 121Y



*RoHS Directive 2002/95/EC Jan 27 2003 including Annex
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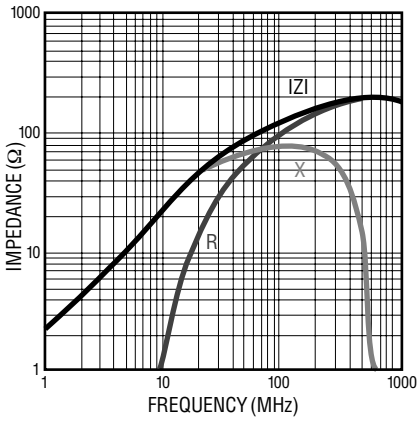
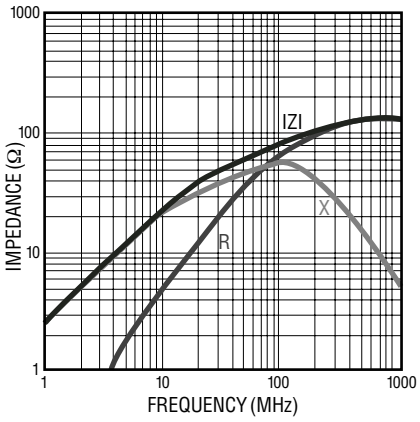
Electrical Specifications (continued)

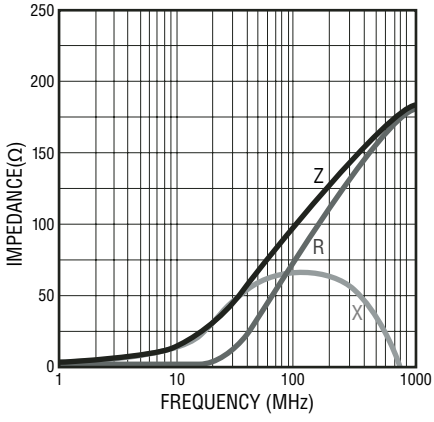
MT 4532- 131Y



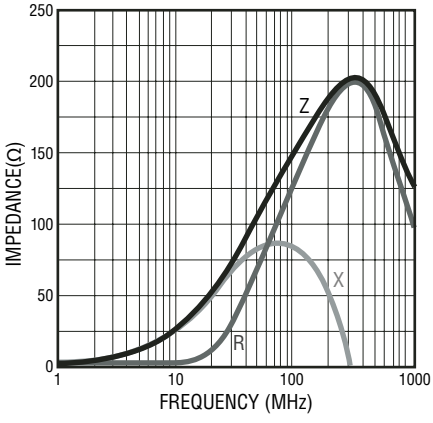
MT 4516- 800Y



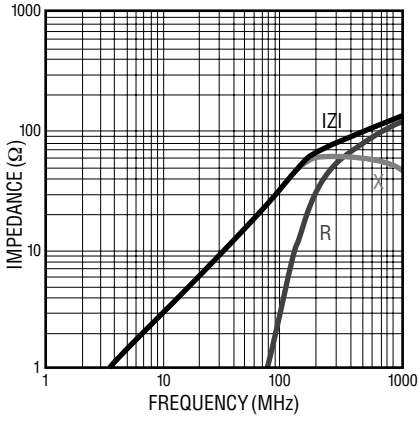
MT 4516- 101Y



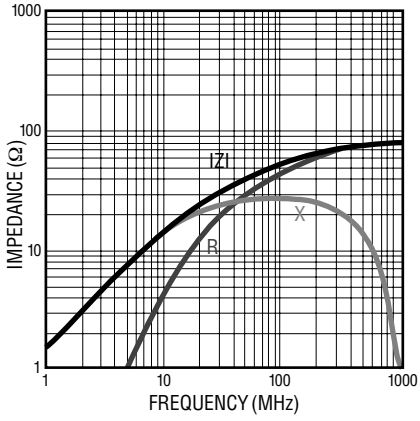
MT 4516- 151Y



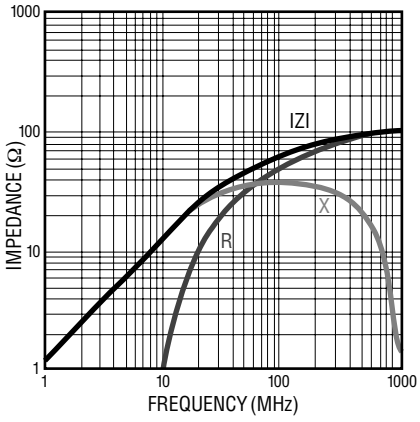
MT 3225- 310Y



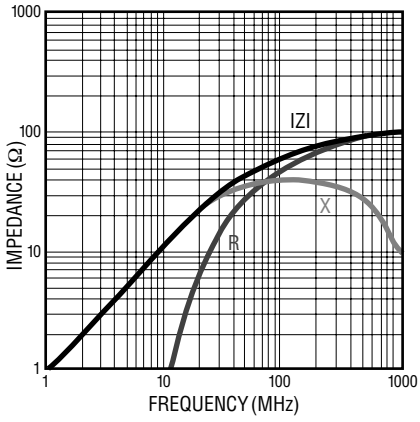
MT 3225- 520Y



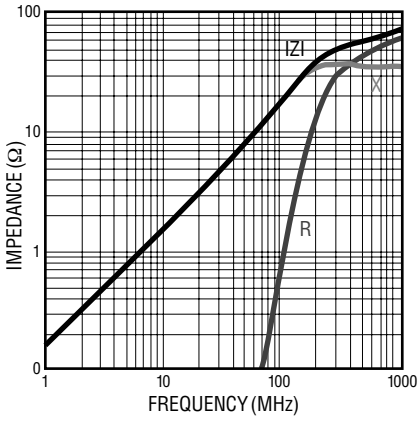
MT 3225- 600Y



MT 3266- 600Y



MT 3261- 190Y



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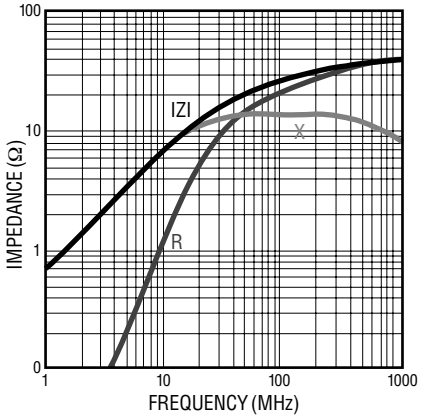
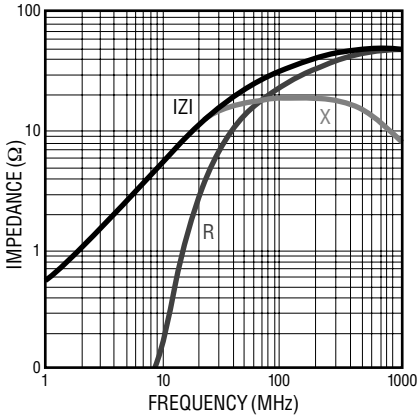
Electrical Specifications (continued)

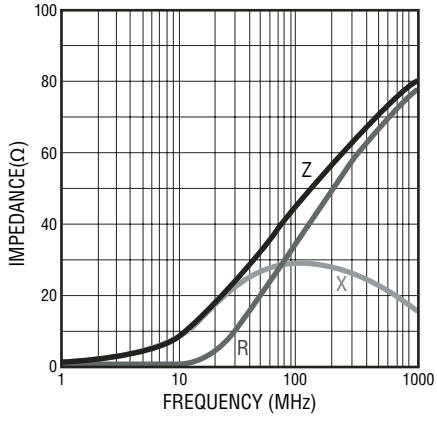
MT 3261- 260Y



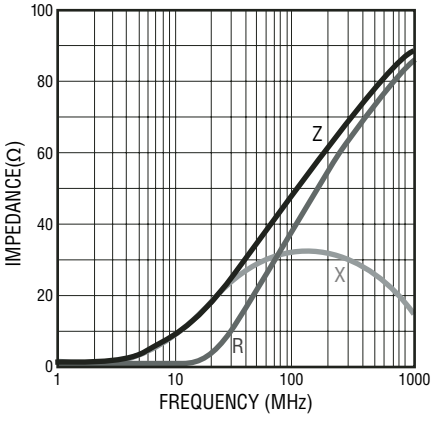
MT 3261- 310Y



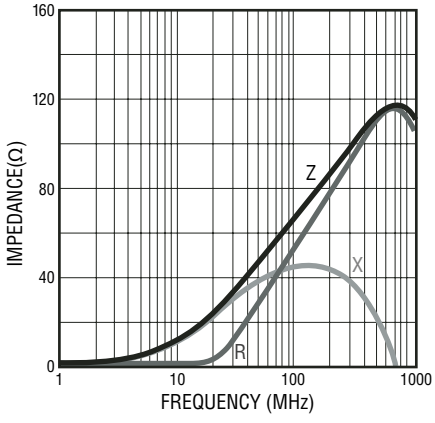
MT 3261- 420Y



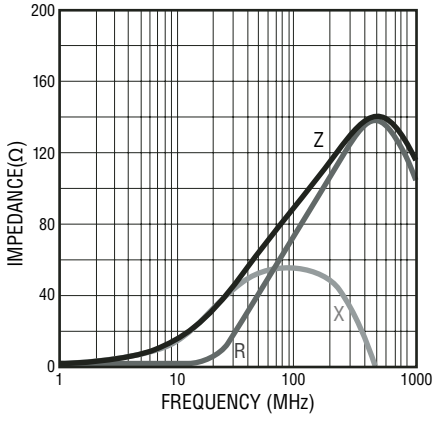
MT 3261- 500Y



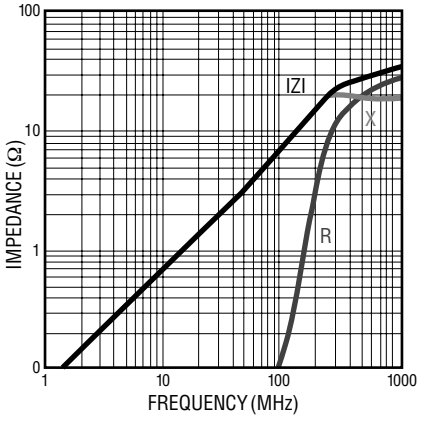
MT 3261- 700Y



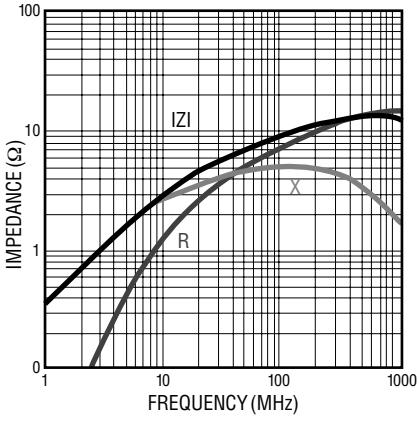
MT 3261- 900Y



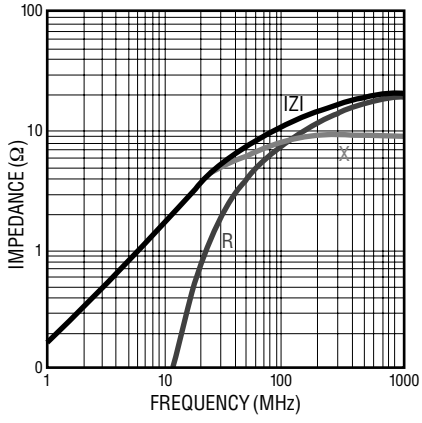
MT 2029- 070Y



MT 2029- 100Y



MT 2029- 110Y



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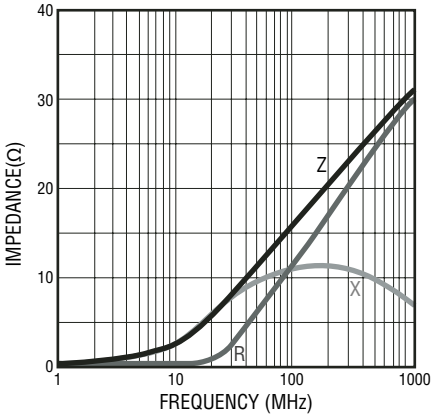
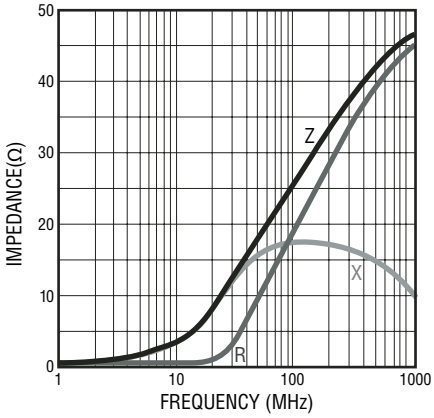
Electrical Specifications (continued)

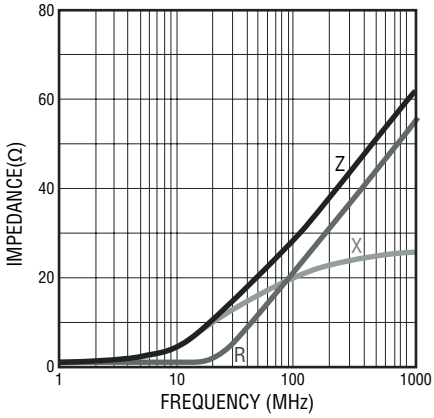
MT 2029- 170Y



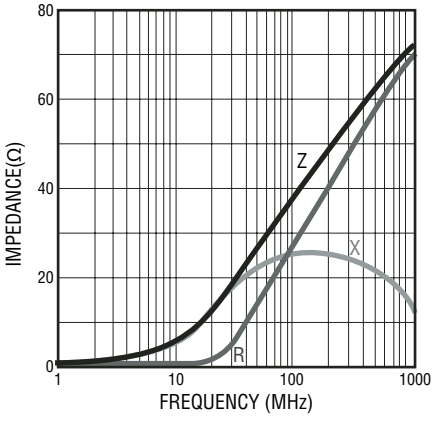
MT 2029- 260Y



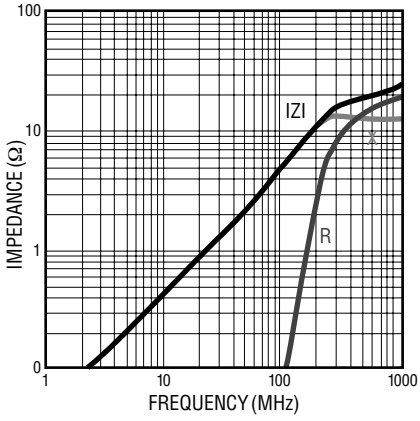
MT 2029- 300Y



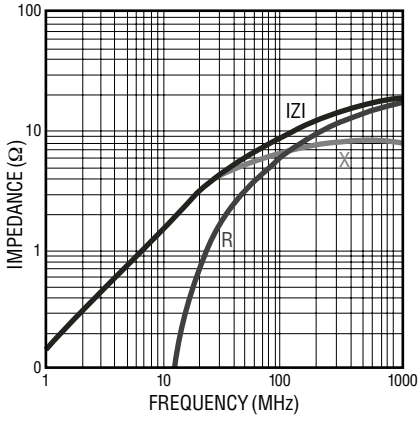
MT 2029- 400Y



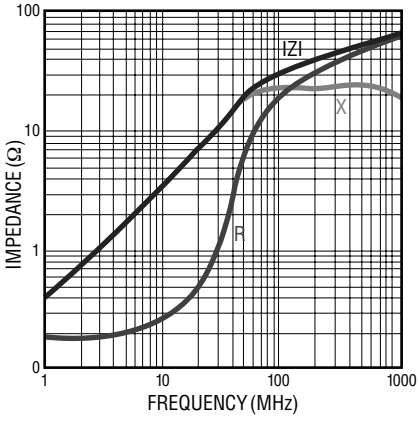
MT 1608- 050Y



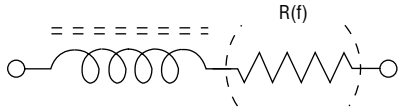
MT 1608- 090Y



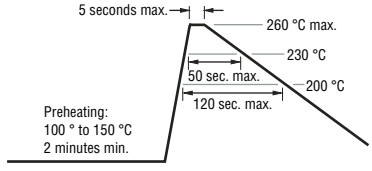
MT 1608- 300Y



Equivalent Circuit



Recommended Soldering



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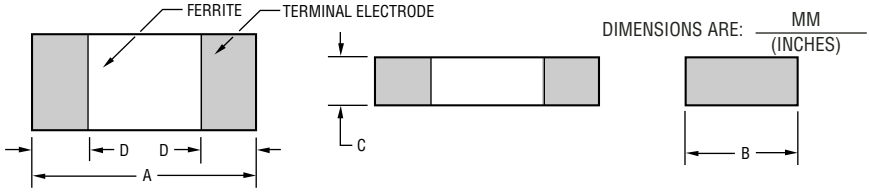
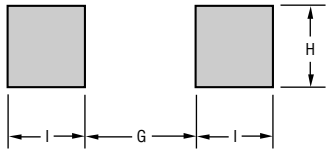
MT Series Low Impedance Chip Ferrite Beads

BOURNS®

Product Dimensions

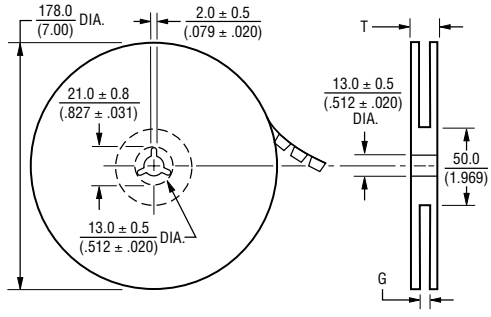


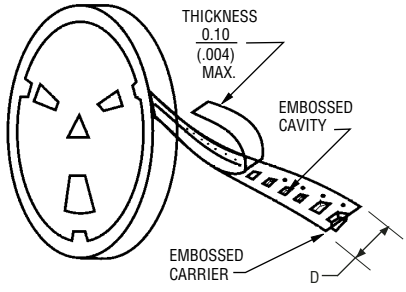
Recommended Land Pattern



Series	A	B	C	D	G	H	I
4532	4.5 ± 0.2 (.177 ± .008)	3.2 ± 0.2 (.126 ± .008)	1.5 ± 0.2 (.059 ± .008)	0.5 ± 0.2 (.020 ± .008)	3.0 (.118)	3.0 (.118)	1.5 (.059)
4516	4.5 ± 0.2 (.177 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.6 ± 0.2 (.063 ± .008)	0.5 ± 0.2 (.020 ± .008)	3.0 (.118)	1.4 (.055)	1.5 (.059)
3266	3.2 ± 0.2 (.126 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.6 ± 0.2 (.063 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.2 (.118)	1.4 (.053)	1.1 (.043)
3261	3.2 ± 0.2 (.126 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.1 ± 0.2 (.043 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.0 (.079)	1.4 (.053)	1.1 (.043)
3225	3.2 ± 0.2 (.126 ± .008)	2.5 ± 0.2 (.098 ± .008)	1.3 ± 0.2 (.051 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.2 (.118)	2.3 (.091)	1.1 (.043)
2029	2.0 ± 0.2 (.079 ± .008)	1.2 ± 0.2 (.047 ± .008)	0.9 ± 0.2 (.035 ± .008)	0.5 ± 0.2 (.020 ± .008)	1.0 (.040)	1.0 (.040)	1.0 (.040)
1608	1.6 ± 0.2 (.063 ± .008)	0.8 ± 0.2 (.031 ± .008)	0.8 ± 0.2 (.031 ± .008)	0.5 ± 0.2 (.020 ± .008)	0.7 (.028)	0.7 (.128)	0.7 (.128)

Reel Dimensions





CARRIER TAPE WIDTH: D
CAVITY PITCH: E

Series	Pcs. per Reel	Gross Weight (g)	D	E	G	T
4532	1,000	170	12.0 (.472)	8.0 (.315)	14.0 + 0 (.551 + 0)	16.5 (.650)
4516	2,000	180	12.0 (.472)	8.0 (.315)	14.0 + 0 (.551 + 0)	16.5 (.650)
3266	2,000	140	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
3261	3,000	150	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
3225	2,500	160	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
2029	4,000	120	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
1608	4,000	90	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)

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